

## Contents

Albeverio, S., Blanchard, Ph., Combe, Ph., Høegh-Krohn, R., Sirugue, M.: Local Relativistic Invariant Flows for Quantum Fields	329
Alvarez-Gaumé, L.: Supersymmetry and the Atiyah-Singer Index Theorem	161
Arens, R.: The Conserved Currents for the Maxwellian Field	527
Blanchard, Ph., see Albeverio, S., et al.	329
Calan, C. de, Malbouisson, A. P. C.: Infrared and Ultraviolet Dimensional Meromorphy of Feynman Amplitudes	413
Cant, A., Pearce, P. A.: Mean-Field Limits of the Quantum Potts Model	373
Chaichian, M., Demichev, A. P., Nelipa, N. F.: The Casimir Operators of Inhomogeneous Groups	353
Combe, Ph., see Albeverio, S., et al.	329
Coquereaux, R., Jadczyk, A.: Geometry of Multidimensional Universes	79
Craig, W., Simon, B.: Log Hölder Continuity of the Integrated Density of States for Stochastic Jacobi Matrices	207
Daubechies, I., Lieb, E. H.: One-Electron Relativistic Molecules with Coulomb Interaction	497
Daubechies, I.: An Uncertainty Principle for Fermions with Generalized Kinetic Energy	511
Deift, P., Simon, B.: Almost Periodic Schrödinger Operators. III. The Absolutely Continuous Spectrum in One Dimension	389
Demichev, A. P., see Chaichian, M., et al.	353
Eisele, T.: On a Third-Order Phase Transition	125
Enter, A. C. D. van, Griffiths, R. B.: The Order Parameter in a Spin Glass	319
Flato, M., Sternheimer, D., Fronsdal, C.: Difficulties with Massless Particles?	563
Foias, C., Temam, R.: Self-Similar Universal Homogeneous Statistical Solutions of the Navier-Stokes Equations	187
Fronsdal, C., see Flato, M., et al.	563
Ganoulis, N.: Classical Equations $dN_i/dr = \frac{1}{2}ie_{ijk}[N_j N_k]$	493
Golden, K., Papanicolaou, G.: Bounds for Effective Parameters of Heterogeneous Media by Analytic Continuation	473
Grenkova, L. N., Molčanov, S. A., Sudarev, Ju. N.: On the Basic States of One-Dimensional Disordered Structures	101
Griffiths, R. B., see Enter, A. C. D. van	319
Gupta, V., see Mehta, M. L., et al.	69
Høegh-Krohn, R., see Albeverio, S., et al.	329
Hull, C. M.: The Positivity of Gravitational Energy and Global Supersymmetry	545
Hunziker, W., Pillet, C. A.: Degenerate Asymptotic Perturbation Theory	219
Jadczyk, A., see Coquereaux, R.	79
Johnson, R., Moser, J.: Erratum: The Rotation Number for Almost Periodic Potentials	317
Jonker, L., Rand, D. A.: Universal Properties of Maps of the Circle with $\epsilon$ -Singularities	273
Jonsson, T.: Hedgehogs in a Three-Dimensional Anisotropic Spin System	175
Kümmeler, B., Schröder, W.: A Markov Dilatation of a Non-Quasifree Bloch Evolution	251
Künnemann, R.: The Diffusion Limit for Reversible Jump Processes on $\mathbb{Z}^d$ with Ergodic Random Bond Conductivities	27
Kupershmidt, B. A., Ratiu, T.: Canonical Maps Between Semidirect Products with Applications to Elasticity and Superfluids	235
Lieb, E. H., see Daubechies, I.	497
Malbouisson, A. P. C., see Calan, C. de	413
Mehta, M. L., Normand, J. M., Gupta, V.: A Property of the Structure Constants of Finite Dimensional Compact Simple Lie Algebras	69
Molčanov, S. A., see Grenkova, L. N., et al.	101
Moser, J., see Johnson, R.	317
Mostow, M. A., Shnider, S.: Does a Generic Connection Depend Continuously on its Curvature?	417

Mostow, M. A., Shnider, S.: Counterexamples to Some Results on the Existence of Field Copies	521
Murray, M. K.: Monopoles and Spectral Curves for Arbitrary Lie Groups	263
Nelipa, N. F., see Chaichian, M., et al.	353
Normand, J. M., see Mehta, M. L., et al.	69
Papanicolaou, G., see Golden, K.	473
Pearce, P. A., see Cant, A.	373
Pillet, C. A., see Hunziker, W.	219
Rand, D. A., see Jonker, L.	273
Ratiu, T., see Kupershmidt, B. A.	235
Robinson, C.: Bifurcation to Infinitely Many Sinks	433
Schoen, R., Yau, S.-T.: The Existence of a Black Hole Due to Condensation of Matter	575
Schröder, W., see Kümmeler, B.	251
Shnider, S., see Mostow, M. A.	417
Shnider, S., see Mostow, M. A.	521
Simon, B., see Craig, W.	207
Simon, B., see Deift, P.	389
Sirugue, M., see Albeverio, S., et al.	329
Sternheimer, D., see Flato, M., et al.	563
Sudarev, Ju. N., see Grenkova, L. N., et al.	101
Temam, R., see Foias, C.	187
Wayne, C. E.: Surface Models with Nonlocal Potentials: Upper Bounds	293
Wu Yong-Shi: The Group Theoretical Aspects of Infinitesimal Riemann-Hilbert Transform and Hidden Symmetry	461
Yau, S.-T., see Schoen, R.	575
Zelditch, S.: Reconstruction of Singularities for Solutions of Schrödinger's Equation	1

Indexed in Current Contents

